

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	20	(8 9 10) and cam\$4.clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/13 14:18
L10	9	((DARREN) near2 (DOUD)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/13 14:16
L9	489	((JOHN) near2 (SIMPSON)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/13 14:13
L8	73	((HIMANSHU) near2 (PATEL)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/13 14:12
L7	88	(606/159,167,170,171,180.ccls. 600/564.ccls.) and (deflect\$4 bend\$4 bias\$4) same (cam camming) same (window opening aperture hole) and (cutter cutting knife blade)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/13 14:09
L6	301	(606/159,167,170,171,180.ccls. 600/564.ccls.) and (cam camming) same (window opening aperture hole) and (cutter cutting knife blade)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/13 14:09
L5	630	(606/159,167,170,171,180.ccls. 600/564.ccls.) and (cam camming) and (cutter cutting knife blade)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/13 14:08
L4	716	(606/159,167,170,171,180.ccls. 600/564.ccls.) and (cam camming)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/13 14:08
S55	11	("20040167554" "20050222663" "20070276419" "4886061" "5000185" "5054492" "5114399" "5217474" "5282484" "5954745" "7318831").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/10 09:43
S53	75	(606/159,167,170,171,180.ccls. 600/564.ccls.) and (cam camming) with (deflect\$4 bend\$4 articulat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 08:24
S52	701	(606/159,167,170,171,180.ccls. 600/564.ccls.) and (cam camming)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 08:24
S51	1	("20020077642").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 15:50

## EAST Search History (Prior Art)

S50	17	((("5000185") or ("5054492") or ("5114399") or ("5321501") or ("5459570") or ("5830224") or ("5883458") or ("6099542") or ("6134003") or ("6191862") or ("6445939") or ("7318831") or ("20040167553") or ("20040167554") or ("20050222663") or ("20070010840") or ("20070276419")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 15:45
S49	41	("4669469"   "4678459"   "4728319"   "4842579"   "4857045"   "4857046"   "4883458"   "4895560"   "5047040"   "5087265").PN. OR ("5370651").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/08 08:35
S48	47	("4448200"   "4587972"   "4794931"   "4870953"   "4887605"   "4899757"   "4917097"   "4936281"   "4947852"   "4947864"   "4976691"   "5010886"   "5038789"   "5059177"   "5090958"   "5095911"   "5109859"   "5109861"   "5115814"   "5125410"   "5131397"   "5163421"   "5163432"   "5186177"   "5190045"   "5193546"   "5269793"   "5345940"   "5368035"   "5443456"   "5451785"   "5464016"   "5469524"   "5493109"   "5505725"   "5514128"   "5520189"   "5546948"   "5549601"   "5558093"   "5569276"   "5660180"   "5715825").PN. OR ("5865748").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/08 08:35
S47	31	("5049131"   "5071425"   "5087246"   "5092873"   "5147302"   "5263959"   "5295995"   "5350361"   "5370609"   "5409454"   "5413557"   "5458572"   "5484411"   "5484449").PN. OR ("5836957").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/08 08:34
S46	112	("3565062"   "3730185"   "3811446"   "4315511"   "4445509"   "4582181"   "4669469"   "4679557"   "4685458"   "4747821"   "4762129"   "4765332"   "4781186"   "4794931"   "4819635"   "4846192"   "4950277").PN. OR ("5085662").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/08 08:34
S45	121	("3704711"   "4273128"   "4292974"   "4627436"   "4685458"   "4784636").PN. OR ("5053044").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/08 08:34
S44	31	("5049131"   "5071425"   "5087246"   "5092873"   "5147302"   "5263959"   "5295995"   "5350361"   "5370609"   "5409454"   "5413557"   "5458572"   "5484411"   "5484449").PN. OR ("5836957").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/08 08:33
S43	97	(606/159,167,170,171,180.ccls. 600/564.ccls.) and cutter same (extend\$4 protrud\$4) same window	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 15:22

## EAST Search History (Prior Art)

S42	38	(606/159,167,170,171,180.ccls. 600/564.ccls.) and cutter with deform\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 15:16
S41	42	(606/159,167,170,171,180.ccls. 600/564.ccls.) and cutter with cam	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 15:14
S40	28	(S36 S37 S38 S39) and catheter and cutter	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 15:04
S39	3	((GAUTAMA) near2 (VENEGAS)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 15:01
S38	65	((HIMANSHU) near2 (PATEL)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 14:07
S37	40	((MICHAEL) near2 (ROSENTHAL)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 14:07
S36	474	((JOHN) near2 (SIMPSON)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 13:50
S35	1	("20040167553").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/07 10:48
S34	56	("4711774"   "4794931"   "4979951"   "5000185"   "5024234"   "5041089"   "5070879"   "5071425"   "5092873"   "5135531"   "5226847"   "5250059"   "Re33569").PN. OR ("5429136").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/25 09:55
S26	2	("5053044").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/09 10:12
S25	112	atherectomy and (move moving advance advancing forward) same (cutter cutting cut) same (deform deformed deformable window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/09 10:12
S24	48	("4711774"   "4794931"   "4979951"   "5000185"   "5024234"   "5041089"   "5070879"   "5071425"   "5092873"   "5135531"   "5226847"   "5250059"   "Re33569").PN. OR ("5429136").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/08 15:55
S23	892	atherectomy and (move moving advance advancing forward) same (cutter cutting cut)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/08 15:55

## EAST Search History (Prior Art)

S22	2	("5,429,136").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/08 13:21
S21	222	606/159.ccls. and (deflect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:00
S20	386	606/159.ccls. and (deform\$4 deflect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:00
S19	2	("5642296").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/31 11:08
S18	2	("5431673").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/31 11:01
S17	88	(debulking with catheter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/31 10:52
S16	27	("4274414"   "4362160"   "4499899"   "4517977"   "4649919"   "4763669"   "4834069"   "4834729"   "5025804"   "5100426"   "5143475"   "5178129"   "5354311").PN. OR ("5669926").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 12:01
S15	109	S14 and (steer\$4 deflect\$)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 11:09
S12	246	S11 and (steer\$4 deflect\$)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 11:09
S14	695	606/180.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 11:07

## EAST Search History (Prior Art)

S13	47	("2178790"   "3705577"   "3815604"   "3837345"   "3995619"   "4210146"   "4696298"   "4781186"   "4819635"   "4850957"   "4979951"   "4986807"   "4994067"   "5024651"   "5087265"   "5224488"   "5226910"   "5242460"   "5250059"   "5250065"   "5285795"   "5312425"   "5318528"   "5395313"   "5431673"   "5441510"   "5505210"   "5507292"   "5571122"   "5571130"   "5584842"   "5620447"   "5634464"   "5665098"   "5674232"   "5695506"   "5709698"   "5733296"   "5843103"   "6036656"   "6036707"   "RE33258").PN. OR ("6447525").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 11:07
S11	1178	606/170.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 10:20
S10	31	("4646738"   "4669469"   "4919133"   "5092873").PN. OR ("5431673").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 10:20
S9	2	("5431673").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/05 10:14
S8	71	steer\$4 same catheter same cutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/05 10:13
S7	468	steer\$4 and catheter and cutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/05 09:55
S6	4	(tissue and debulking).ti.	USPAT	OR	ON	2006/12/05 09:54
S5	2	("5643296").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/05 09:41
S2	9	(catheter and debulking).ti.	US-PGPUB	OR	ON	2006/12/05 09:35

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
-------	------	--------------	-----	------------------	---------	------------

## EAST Search History (I nterference)

L13	0	(606/159,167,170,171,180.ccls. 600/564.ccls.) and (deflect\$4 bend\$4 bias\$4) same (cam camming) and (cutter cutting knife blade) and debulk\$4	USPAT; UPAD	OR	ON	2010/03/13 14:33
L12	55	(606/159,167,170,171,180.ccls. 600/564.ccls.) and (deflect\$4 bend\$4 bias\$4) same (cam camming) same (window opening aperture hole) and (cutter cutting knife blade)	USPAT; UPAD	OR	ON	2010/03/13 14:19

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S36	1	("20020077642").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/13 12:54
S35	1	("5053044").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/20 09:44
S34	2	((("4986807") or ("5830224"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/20 09:17
S33	4	S32 and marker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 13:29
S32	8	((("5338295") or ("5370616") or ("5382234") or ("5387225"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/25 13:29
S31	258	atherectomy and (catheter with reposition\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 09:36
S30	0	atherectomy and ((catheter with (advanc\$4 mov\$4)) with reposition\$4 with target)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 09:34
S27	353	atherectomy and ((catheter with (advanc\$4 mov\$4)) with target)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 09:33
S28	2	("5836957").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/25 09:31
S26	3142	atherectomy and (catheter with (advanc\$4 mov\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 09:31
S25	22	catheter same window same cutter same (bend\$4 bent deflect\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/24 14:10

## EAST Search History (Prior Art)

S24	60	("4020829"   "4215703"   "4323071"   "4444186"   "4571240"   "4582181"   "4586923"   "4596563"   "4627436"   "4669469"   "4682607"   "4724846"   "4771774"   "4771776"   "4775371"   "4784639"   "4794931"   "4808164"   "4819634"   "4820349"   "4842579"   "4894051"   "4911170"   "4921483"   "4927413"   "5026366"   "5047040"   "5071425"   "5078723"   "5084010").PN. OR ("5269793").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/24 14:07
S23	31	("4646738"   "4669469"   "4919133"   "5092873").PN. OR ("5431673").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/24 12:58
S22	49	atherectomy and (cutter same catheter same (deflect\$4 bend\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 12:06
S21	15	atherectomy and (cutter same expose same (deflect\$4 bend\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 11:58
S16	1538	atherectomy and (catheter with (advance advancing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 11:51
S20	16	("4669469"   "4771774"   "4781186"   "4926858"   "4979951"   "5047040"   "5078722"   "5084010"   "5226909"   "5250059"   "5269793"   "5441510"   "5624457"   "Re33569").PN. OR ("5895402").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/24 11:38
S19	60	("4020829"   "4215703"   "4323071"   "4444186"   "4571240"   "4582181"   "4586923"   "4596563"   "4627436"   "4669469"   "4682607"   "4724846"   "4771774"   "4771776"   "4775371"   "4784639"   "4794931"   "4808164"   "4819634"   "4820349"   "4842579"   "4894051"   "4911170"   "4921483"   "4927413"   "5026366"   "5047040"   "5071425"   "5078723"   "5084010").PN. OR ("5269793").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/24 11:32
S18	19	("5078722"   "5226909"   "5269793"   "5441510").PN. OR ("5643296").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/24 10:33



## EAST Search History (Prior Art)

S17	139	S16 and ((rotatable rotating) with cutter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 10:02
S15	48	catheter and hundertmark.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 09:38
S14	2	("5431673").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/24 09:28
S13	151	"4966604"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 08:49
S12	23	debulking adj catheter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/24 08:45
S11	28	stent same restenosis same cutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/21 11:24
S10	0	stent same restonosis same cutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/21 11:24
S9	4	((("20030125758") or ("20030120295")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 11:24
S8	49	("4669469"   "4857046"   "4917085"   "4923462"   "4979939").PN. OR ("5078722").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/21 11:22
S7	19	("5078722"   "5226909"   "5269793"   "5441510").PN. OR ("5643296").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/21 10:40
S6	4	((("5,524,613") or ("5,664,557")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 08:13

## EAST Search History (Prior Art)

S4	4	((("5431673") or ("5643296"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 08:13
S5	4	((("5431673") or ("5643296"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/21 08:07
S2	2	("20020077642").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/03 11:42
S1	84	("20020022788" "20030018346" "20030120295" "20030125757" "20030125758" "3831585" "4669469" "4771774" "4817613" "4966604" "4986807" "5053044" "5071425" "5120516" "5126649" "5154724" "5217474" "5224949" "5269793" "5282484" "5312425" "5318032" "5372601" "5372602" "5429136" "5485042" "5491524" "5514115" "5527325" "5549601" "5624457" "5632754" "5643296" "5643298" "5741270" "5776114" "5816923" "5823971" "5836957" "5868685" "5868767" "5911734" "5916210" "5954745" "5968064" "5989281" "6010449" "6013072" "6022362" "6027450" "6048349" "6063093" "6069638" "6081738" "6106515" "6120515" "6157852" "6159225" "6183432" "6190353" "6193676" "6217527" "6217549" "6221049" "6228076" "6231546" "6235000" "6241667" "6258052" "6266550" "6283951" "6283983" "6302875" "6330884" "6355005" "6375615" "6394976" "6398798" "6428552" "6443966" "6447525" "6475226" "6623496" "6638233").PN.	US-PGPUB; USPAT	OR	ON	2006/03/03 11:42

## EAST Search History (Interference)

		< This search history is empty >			
--	--	----------------------------------	--	--	--